



Owners: Dina Polaris AS, N - 5953 Fønnes, Norway

Built: Besiktas, Turkey Yard #75, August 2017

Classification: DnV + 1A1, SF, E0, Offshore Service Vessel, DK (+), HL (2,8), Clean Design, Naut OSV (A), Recyclable, BWM-T, ECA (SOx-A), LFL (*), COMF V(3), Dynpos Autr, SPS, ICE 1A, Winterisation Basic.

Bandera / Flag:  Norway



Main Specifications

Length Overall (LOA): 98,90 m
Moulded Breadth: 21,00 m
Depth (to main deck): 8,60 m
Draft (design): 6,00 m
Draft (max) SF: 7,08 m
GRT: 6986
NRT: 2089
Deadweight at 7,08 m: 6053 t
Displacement: 10753 t
Dinamic Position: DP - 2



Maquinaria Machinery

Main Engines: 4 x MTU-16V 4000 M63L-2240 kW, 900 -1800 rpm Total 8960 kW - 12015 bhp

Generators: 4 x 2240 kW 575/690 V-60 Hz

Harbour Generator: 1 x 350 kW

Bow Thrusters: 2 x Tunnel 970 kW - CPP
1 x Azimuth 883 kW-FP

Azimuth Propellers: 2 x Azipull 120 CPP, 2200 kW, 03000 mm

Environmental Features:

Ballast Water Treatment System, Exhaust Gas Cleaning by

Selective Catalytic Reduction Converter with 95% NOx reduction. Rolls Royce SaveCube for Energy Optimisation.

LED lighting fitted where possible.

Speed & Consumption*

Econ Speed: 10 knots/10,5 t **

DP-Operations: 5 t

St.by.Offshore: 3 t

Port/Harbour: 2 t

*Approximate consumption of MGO/24 hours with 50% DWT.
**With open moonpool.



Deck Machinery

Capstans:	2 x 10 t
Tugger Winches:	2 x 15 t
Mooring Winches-aft:	2 x 10 t 0-16 m/min
Anchor Windlass:	2 x 21 t 0-38 m/min
Deck Crane STB:	5t@ 13.5 m, 2t@24 m, foldable, man-riding
Anchor:	2 x Stockless,
Anchor Chain:	052 mm
Garbage Incinerator:	Fitted

Bulk Connections

Location:	
Fuel Oil:	Mid STB/PS, Aft PS
Pot Water:	Mid STB, Aft STB
Drill Water:	Mid STB/PS, Aft STB
Dry Bulk:	Mid STB/PS, Aft STB/PS
Liquid Mud:	Mid STB/PS, Aft STB/PS
Brine:	Mid STB/PS, Aft PS
Base Oil:	Mid STB/PS, Aft PS
Methanol/Spec. Prod Couplings:	Aft PS
Fuel, Slop, Methanol, Special Products:	4" Avery Hardoll
Water, MUD, Brine	4" Weco
Dry Bulk	5" Best



Capacidades Capacity

Deck Area:	Approx. 1000 m2
Mezzanine Deck:	7 x 21 m, 5 t/m2
Deck Load SF:	3200 t @ 1 m VCG
Deck Strength:	10 t/m2
Fuel Oil:	2500 m3
Potable Water:	1200 m3
Drill/Ballast Water:	2790/4660 m3
Liquid Mud*:	1144 m3/SG 2,8
Brine:	1111 m3/SG 2,8
Base Oil:	200 m3
Methanol/Special P.:	219 m3
Dry Bulk:	340 m3/11993 cu.ft.
Reefer Connections:	10 x 230 V / 16 A-60 kVA

"Liquid Mud tanks fitted with hydraulic agitators and tank cleaning machines"

Discharge Rates

Fuel:	1 x 0-200 m3/hr @ 90 m
Pot Water:	1 x 0-200 m3/hr @ 90 m
Drill Water:	1 x 0-200 m3/hr @ 90 m
MUD:	2 x 0-100 m3/hr 18 bar
Brine:	1 x 0-100 m3/hr 18 bar
Base/Fuel Oil:	1 x 0-150 m3/hr @ 90 m
Methanol/Spec. Prod:	2 x 0-75 m3/hr @ 90 m
Dry Bulk:	2 x 30 m3/min @ 5,6 bar

Flow meters fitted on Fuel lines.

Pot. Water tanks fitted with sampling points and fitting for chlorination.

Sniffer system for Gas detection (HC,H2S and O2) installed

Navigation Equipment

Navigation Control:	RR Unified Bridge
Joystick:	Rolls Royce
DP:	Rolls Royce ICON
References:	RadaScan (1) CyScan (1) MRU (3) DGPS (2) Wind Sensor (2) HiPap 501 (Fllow Sub.)
Radar (ARPA):	1 x 10 cm. 1 x 3 cm
Sat. Navigator:	Fitted
Navtex:	Fitted
Wind Sensors:	3
Gyro:	3
Electronic Charts:	TECDIS



⚡ | Equipo electrónico Electronic equipment

GMDSS:	Sea Area 3
SSB:	1 MF/HF
Radio Terminals:	4 x VHF/DSC 2 x VHF Portable 3 x UHF Fixed 4 x UHF Portable 1 x UHF ECR
GSM:	2
Inmarsat Fleet 77:	1
Sat C Station:	2
VSat:	2 (Capacity TBA)

Subsea Support and Equipment

On/Offline Room:	2 (Main deck)
Shift Supervisor:	1 (Main deck)
Survey Technician:	2 (Main deck)
Server Room:	1 (Main deck)
Offshore Manager:	1 (A deck)
Conference Room:	1 (D deck)
Available Space:	1 (D deck)
ROV Supervisor:	1 (A deck)
ROV Control Room:	1 (A deck)
ROV Hangars:	2 x WROV Fully Enclosed
ROV Hangar Doors:	2 x 5 x 9 m STB/PS 1 x 5 x 9 m Aft
ROV Deck Strength:	5 t / m ²
ROV Cable Trunks:	Fitted (Main deck to Monkey Island)
Transformers for Electric Power to Deck:	690V - 2x1750 kVA - 60 Hz 440V - 350 kVA - 60 Hz 230V - 150 kVA - 60 Hz

Deck prepared for securing of equipment without interference with tanks
Removable Cargo Rail

Main Specifications

Removable Stern Rail:	15 m
Anti - Heeling System:	2 x 1500 m ³ /h
Moonpool:	7,2 x 7,2 m
Lifesaving and Contingency Support	
FRC/MOB:	Waterjet/Dual Engine
Lifeboats:	2 x 50 persons
LSA:	100 persons
Liferafts:	4 x 25
Internal FireFighting:	Water Mist System Foam for Methanol CO ₂ (Galley)

Acomodación Accommodation

Single Cabins:	17
2 Bunk Cabins:	32 (64 bunks)
4 Bunk Cabins:	4 (16 bunks)
Gymnasium:	1
Treatment Room:	1
Dayroom/Lounges:	3
Messroom/Duty mess:	2
Conference Room:	1
Offices:	5

All cabins with separate WC/Shower, fully air conditioned.
Local area network CAT 7 in the entire accommodation.

